

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	20	controller and token adj pass and Daisy adj Chain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/09 07:19
L2	75	process\$4 near control\$4 and programmable near logic\$4 and pyrometer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/09 07:19
L3	2	segment adj track\$4 with time adj domain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/09 07:19
L4	21	segment adj track\$4 with convert\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/09 07:19
L5	620	austenite adj grain and deform\$7 and roll\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/09 07:20
L6	5	austenite adj grain and deform\$7 and roll\$4 and (pyrometer speedometer gauge solenoid adj valve) and length and thickness and segment\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/09 07:20
L7	46	tensile near test\$4 and (yield near strength ultimate near tensile near strength percentage near elongat\$4) and (on adj line on-line synchroni\$7 simultaneous\$4) with (calculat\$4 display\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/09 07:20
L8	98	(calculat\$4 determin\$4) with (on adj line on-line synchroni\$7 simultaneous\$4 real adj time real-time) and tensile and hot adj roll\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/09 07:20
L9	10	tensile near strength and (yield near strength ultimate near tensile near strength percentage near elongat\$4) and (on adj line on-line synchroni\$7 simultaneous\$4) with (calculat\$4 display\$4) with propert\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/09 07:21
L10	3	(ananya near mukhopadhyay).in.	US-PGPUB; USPAT; EPO; JPO;	OR	ON	2011/09/09 07:21

			DERWENT; IBM_TDB			
L11	348	(tata near steel).as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/09 07:23
L12	1	(tata near steel).as. and segment adj tracking	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/09 07:23
S1	2	"20070106400"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/26 07:01
S2	1	PLC and pyrometer and token adj pass and Daisy adj Chain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/26 07:06
S3	2	PLC and token adj pass and Daisy adj Chain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/26 07:07
S4	0	PLD and token adj pass and Daisy adj Chain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/26 07:07
S5	10	programmable and token adj pass and Daisy adj Chain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/26 07:08
S6	15	controller and token adj pass and Daisy adj Chain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/26 07:09
S7	1	process\$4 near controller and token adj pass and Daisy adj Chain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/26 07:09
S8	4	process\$4 near control\$4 and token adj pass and Daisy adj Chain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/26 07:11
S9	307	process\$4 near control\$4 and token and Daisy adj Chain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/26 07:12
S10	178	control\$4 near process\$4 near control\$4 and token and Daisy adj Chain	US-PGPUB; USPAT; EPO; JPO;	OR	ON	2008/09/26 07:12

			DERWENT; IBM_TDB				
S11	1	control\$4 near process\$4 near control\$4 and token and Daisy adj Chain and pyrometer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/26 07:12	
S12	10	control\$4 near process\$4 near control\$4 and token and Daisy adj Chain and PLC	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/26 07:12	
S13	86	control\$4 near process\$4 near control\$4 and token and Daisy adj Chain and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/26 07:14	
S14	0	control\$4 near process\$4 near control\$4 and token and Daisy adj Chain and sensor and segment near track\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/26 07:15	
S15	0	control\$4 near process\$4 near control\$4 and token and Daisy adj Chain and sensor and time with space with domain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/26 07:15	
S16	46	control\$4 near process\$4 near control\$4 and token and Daisy adj Chain and sensor and segment\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/26 07:16	
S17	36	control\$4 near process\$4 near control\$4 and token and Daisy adj Chain and sensor and segment\$7 and programmable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/26 07:19	
S18	33	control\$4 near process\$4 near control\$4 and token and Daisy adj Chain and sensor and segment\$7 and programmable with control\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/26 07:20	
S19	18321	process\$4 near control\$4 and programmable near logic\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/26 07:29	
S20	6916	process\$4 near control\$4 and programmable near logic\$4 and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/26 07:29	
S21	52	process\$4 near control\$4 and programmable near logic\$4 and pyrometer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/26 07:29	
S22	1	process\$4 near control\$4 and programmable near logic\$4 and pyrometer and speedometer	US-PGPUB; USPAT; EPO; JPO;	OR	ON	2008/09/26 07:30	

			DERWENT; IBM_TDB			
S23	10	process\$4 near control\$4 and programmable near logic\$4 and pyrometer and gauge	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/26 07:30
S24	8	("3279000" "4955216" "3766763").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/26 11:03
S25	26	control\$4 near process\$4 near control\$4 and token and Daisy adj Chain and sensor and segment\$7 not APAP not SIMD not MIMD	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/26 11:10
S26	3	control\$4 near process\$4 near control\$4 and token and Daisy adj Chain and sensor and segment\$7 not APAP not SIMD not MIMD not lighting	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/26 11:11
S27	11	"4569023"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/26 22:01
S28	3	"4569023" and segment\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/27 09:40
S29	3	"4569023" and sampl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/27 09:42
S30	11	"4569023" and seconds	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/27 09:43
S31	3	"4569023" and (every during measur\$4 collect\$4) near3 seconds	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/27 09:44
S32	6	"4569023" and (measur\$4 collect\$4) with (time second)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/27 09:45
S33	5	"4569023" and (measur\$4 collect\$4) with (time period\$7 frequenc\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/27 09:46
S34	5	"4569023" and (measur\$4 collect\$4) with (time period\$7 frequenc\$4 interval with time)	US-PGPUB; USPAT; EPO; JPO;	OR	ON	2008/09/27 09:47

			DERWENT; IBM_TDB			
S35	2240	segment adj track\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/28 23:02
S36	2	segment adj track\$4 with time adj domain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/28 23:03
S37	20	segment adj track\$4 with convert\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/28 23:03
S38	1793	segment\$7 with convert\$4 with time	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/28 23:06
S39	1009	segment\$7 and roll\$4 with length with thickness	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/28 23:23
S40	2132	austenite adj grain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/28 23:28
S41	515	austenite adj grain and deform\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/28 23:29
S42	436	austenite adj grain and deform\$7 and roll\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/28 23:29
S43	1	austenite adj grain and deform\$7 and roll\$4 and token adj pass	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/28 23:29
S44	1	austenite adj grain and deform\$7 and roll\$4 and token	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/28 23:29
S45	1276633	austenite adj grain and deform\$7 and roll\$4 and daisy chain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/28 23:30
S46	1	austenite adj grain and deform\$7 and roll\$4 and daisy adj chain	US-PGPUB; USPAT; EPO; JPO;	OR	ON	2008/09/28 23:30

			DERWENT; IBM_TDB			
S47	67	austenite adj grain and deform\$7 and roll\$4 and (pyrometer speedometer gauge solenoid adj valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/28 23:31
S48	37	austenite adj grain and deform\$7 and roll\$4 and (pyrometer speedometer gauge solenoid adj valve) and length and thickness	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/28 23:31
S49	3	austenite adj grain and deform\$7 and roll\$4 and (pyrometer speedometer gauge solenoid adj valve) and length and thickness and segment\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/28 23:32
S50	1	austenite adj grain and deform\$7 and roll\$4 and (pyrometer speedometer gauge solenoid adj valve) and length and thickness and segment\$7 and PLC	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/28 23:35
S51	2	austenite adj grain and deform\$7 and roll\$4 and (pyrometer speedometer gauge solenoid adj valve) and length and thickness and segment\$7 and controller	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/28 23:35
S52	4437	tensile near test\$4 and (yield near strength ultimate near tensile near strength percentage near elongat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 14:34
S53	1	tensile near test\$4 and (yield near strength ultimate near tensile near strength percentage near elongat\$4) and (on adj line on-line synchroni\$7 simultaneous\$4) near display\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 14:35
S54	3	tensile near test\$4 and (yield near strength ultimate near tensile near strength percentage near elongat\$4) and (on adj line on-line synchroni\$7 simultaneous\$4) with display\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 14:35
S55	26	tensile near test\$4 and (yield near strength ultimate near tensile near strength percentage near elongat\$4) and (on adj line on-line synchroni\$7 simultaneous\$4) with (calculat\$4 display\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 14:35
S56	3	tensile near test\$4 and (yield near strength ultimate near tensile near strength percentage near elongat\$4) and (on adj line on-line synchroni\$7 simultaneous\$4) with (calculat\$4 display\$4) with propert\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 14:36
S57	9	tensile near strength and (yield near strength ultimate near tensile near strength percentage near elongat\$4) and (on adj line on-line synchroni\$7 simultaneous\$4) with (calculat\$4 display\$4) with propert\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 14:37

S58	11	tensile and (yield near strength ultimate near tensile near strength percentage near elongat\$4) and (on adj line on-line synchroni\$7 simultaneous\$4) with (calculat\$4 display\$4) with propt\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 14:38
S59	11	tensile and (yield near strength ultimate near tensile near strength percentage near elongat\$4) and (on adj line on-line synchroni\$7 simultaneous\$4 real adj time real-time) with (calculat\$4 display\$4) with propt\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 14:39
S60	749	tensile and hot near roll\$4 near coil\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 14:41
S61	97	tensile and hot near roll\$4 near coil\$4 and (calculat\$4 determin\$4) with propt\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 14:41
S62	2	tensile and hot near roll\$4 near coil\$4 and (calculat\$4 determin\$4) with propt\$3 with (on adj line on-line synchroni\$7 simultaneous\$4 real adj time real-time)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 14:42
S63	5	tensile and roll\$4 near coil\$4 and (calculat\$4 determin\$4) with propt\$3 with (on adj line on-line synchroni\$7 simultaneous\$4 real adj time real-time)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 14:43
S64	2	tensile and roll\$4 near coil\$4 and (calculat\$4 determin\$4) with propt\$3 with (on adj line on-line synchroni\$7 simultaneous\$4 real adj time real-time) and monitor\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 14:44
S65	2	tensile and roll\$4 near coil\$4 and (calculat\$4 determin\$4) with propt\$3 with (on adj line on-line synchroni\$7 simultaneous\$4 real adj time real-time) and monitor\$4 and aluminium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 14:45
S66	5	tensile and roll\$4 near coil\$4 and (calculat\$4 determin\$4) with propt\$3 with (on adj line on-line synchroni\$7 simultaneous\$4 real adj time real-time)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 14:48
S67	6	tensile and roll\$4 with coil\$4 and (calculat\$4 determin\$4) with propt\$3 with (on adj line on-line synchroni\$7 simultaneous\$4 real adj time real-time)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 14:49
S68	8	tensile and hot adj roll\$4 and (calculat\$4 determin\$4) with propt\$3 with (on adj line on-line synchroni\$7 simultaneous\$4 real adj time real-time)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 14:49
S69	34	"3358743"	US-PGPUB;	OR	ON	2009/09/25

			USPAT; EPO; JPO; DERWENT; IBM_TDB			14:53
S70	5	("5290370").URPN.	USPAT	OR	OFF	2009/09/25 14:55
S71	1194	(calculat\$4 determin\$4) with tensile and hot adj roll\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 15:18
S72	153	(calculat\$4 determin\$4) with tensile and hot adj roll\$4 and sens\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 15:18
S73	74	(calculat\$4 determin\$4) with tensile and hot adj roll\$4 and sens\$4 and coil\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 15:19
S74	23	tensile and hot adj roll\$4 and segment\$6 with track\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 15:29
S75	5953	segment\$6 near track\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 15:30
S76	13	segment\$6 near track\$4 with time with space	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 15:31
S77	3	segment\$6 near track\$4 with length with thickness	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 15:33
S78	117	tata adj steel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 15:34
S79	4	tata adj steel and hot and roll\$4 and coil	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 15:35
S80	5205	(calculat\$4 determin\$4) and tensile and hot adj roll\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 15:37
S81	70	(calculat\$4 determin\$4) with (on adj line on-line synchroni\$7 simultaneous\$4 real adj time real- time) and tensile and hot adj roll\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT;	OR	ON	2009/09/25 15:37



			IBM_TDB			
S82	16	(calculat\$4 determin\$4) near3 (on adj line on-line synchroni\$7 simultaneous\$4 real adj time real-time) and tensile and hot adj roll\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 15:37
S83	10	("6430461").URFN.	USPAT	OR	OFF	2009/09/25 16:17
S84	0	("6430461").URFN. and (plc programmable)	USPAT	OR	OFF	2009/09/25 16:19
S85	0	("6430461").URFN. and (plc programmable)	USPAT	OR	ON	2009/09/25 16:19
S86	0	"6430461" and (plc programmable)	USPAT	OR	ON	2009/09/25 16:19
S87	3	"6430461" and (controller)	USPAT	OR	ON	2009/09/25 16:19
S88	53	strip\$2 near2 hot near2 roll\$4 and (PLC programmable)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 16:23
S89	12	strip\$2 near2 hot near2 roll\$4 and (PLC programmable) and display\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 16:23

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